Serial No. 10/663,794

REMARKS

By way of the above amendments, claims 3 and 12 have been amended; claims 1-2, 4-11, and 13-23 have been canceled as being directed to non-elected subject matter; and claims 24-39 have been added. As such, claims 3, 12, and 24-39 are presently pending.

The amendments to the claims and the newly added claims add no new subject matter and their entry is respectfully requested.

Applicants respectfully assert that the claims are in condition for examination on the merits.

Respectfully submitted,

CELERA GENOMICS

Date: February 6, 2006

Justin D. Karjafa

Reg. No. 43,704

Celera Genomics Corporation 45 West Gude Drive Rockville, MD 20850

Tel: 240-453-3812 Fax: 240-453-3084